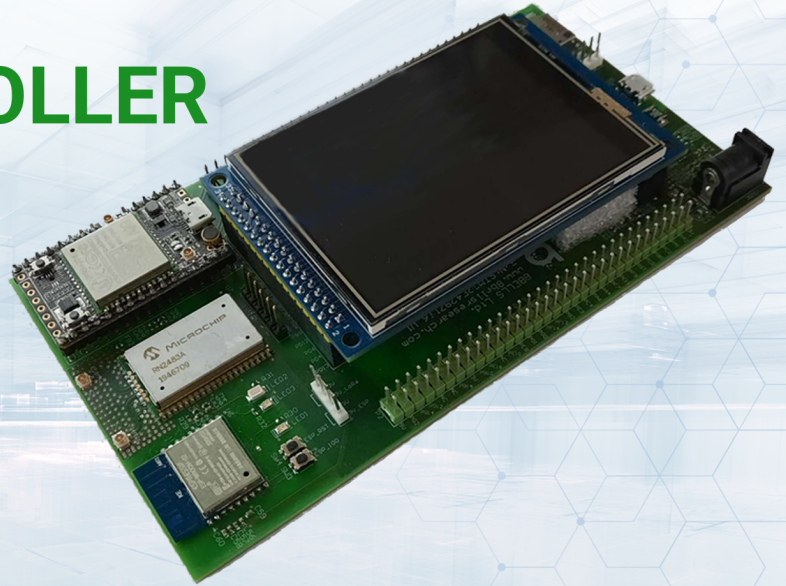


8B EDGE CONTROLLER



Fully customizable configuration upon request

The 8B Edge Controller consists of a single core 32-bit ARM® Cortex®-M4, a dual core 32-bit Xtensa®, 1-Mbyte Flash memory and 192-KByte RAM. The platform is programmable via USB, it has a MicroSD storage slot for up to 64GB cards and can transmit data via Bluetooth and WiFi.

SPECIFICATIONS

CPU	32-bit ARM® Cortex® -M4, Dual core 32-bit Xtensa®
Memory	1-Mbyte Flash memory / 32Mbyte SDRAM
Storage	MicroSD storage up to 64Gb
Connectivity	Wi-Fi, Bluetooth, LoRa, 4G, GPS, Glonass, Galileo
UPHY	USB 2.0
Video	LCD display
Power Consumption	Multiple Low Power modes / will work with batteries or solar panels
I/O	Multiple Low Power modes / will work with batteries or solar panels

INDICATIVE APPLICATIONS

- Drones (Gimbal & ESC Control)
- Security & Surveillance
- Real-time sensor control
- Robotics

CAPABILITIES



Higher efficiency



Smaller form factor



Less cooling complexity



Extended range



Reduced battery consumptions



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